

## EAST Search History

| Ref # | Hits | Search Query   | DBs                                    | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L1    | 1    | (US-7045276-\$).did.   | USPAT                                  | OR               | ON      | 2007/12/14 09:03 |
| L2    | 1    | (US-7045276-\$).did.   | USPAT                                  | OR               | ON      | 2007/12/14 09:04 |
| L3    | 2    | "20060172199"  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR               | ON      | 2007/12/14 09:24 |
| L4    | 1    | (US-7045276-\$).did.   | USPAT                                  | OR               | ON      | 2007/12/14 09:30 |
| L5    | 0    | (US-7045276-\$).did. and "by weight" same polyethylene               | USPAT                                  | OR               | ON      | 2007/12/14 09:31 |
| L6    | 0    | (US-7045276-\$).did. and "by weight" same acrylic                    | USPAT                                  | OR               | ON      | 2007/12/14 09:31 |
| L7    | 0    | (US-7045276-\$).did. and "by weight"                                 | USPAT                                  | OR               | ON      | 2007/12/14 09:32 |
| L8    | 1    | (US-7045276-\$).did.   | USPAT                                  | OR               | ON      | 2007/12/14 09:32 |
| L9    | 0    | 8 and by\$2weight  | USPAT                                  | OR               | ON      | 2007/12/14 09:32 |
| L10   | 1    | 8 and weight   | USPAT                                  | OR               | ON      | 2007/12/14 09:32 |
| L11   | 0    | 8 and weight same acrylic  | USPAT                                  | OR               | ON      | 2007/12/14 09:33 |
| L12   | 1    | 8 and weight same polyethylene                                       | USPAT                                  | OR               | ON      | 2007/12/14 09:35 |
| L13   | 0    | 8 and (weight same polyethylene) and (polyfunction\$2 and crosslink) | USPAT                                  | OR               | ON      | 2007/12/14 09:36 |
| L14   | 0    | 8 and (weight same polyethylene) and (polyfunction)                  | USPAT                                  | OR               | ON      | 2007/12/14 09:36 |
| L15   | 1    | 8 and (weight same polyethylene) and (polyfunctional)                | USPAT                                  | OR               | ON      | 2007/12/14 09:36 |
| L16   | 0    | 8 and (weight same polyethylene) and (polyfunctional and crosslink)  | USPAT                                  | OR               | ON      | 2007/12/14 09:36 |
| L17   | 0    | 8 and (weight same polyethylene) and (polyfunctional same density)   | USPAT                                  | OR               | ON      | 2007/12/14 09:37 |
| L18   | 1    | 8 and (weight same polyethylene) and (polyfunctional and density)    | USPAT                                  | OR               | ON      | 2007/12/14 10:34 |
| L19   | 822  | 428/411.1.ccls.  | US-PGPUB                               | OR               | ON      | 2007/12/14 10:34 |
| L20   | 86   | 19 and polyfunction\$2   | US-PGPUB                               | OR               | ON      | 2007/12/14 10:35 |
| L21   | 2    | 20 and "liquid absorbing"  | US-PGPUB                               | OR               | ON      | 2007/12/14 10:35 |

## EAST Search History

|    |    |  |  |    |    |                  |
|----|----|--|--|----|----|------------------|
| S1 | 58 | (US-20050079326-\$ or<br>US-20060286442-\$ or<br>US-20030087107-\$ or<br>US-20020015880-\$ or<br>US-20060172199-\$ or<br>US-20060188724-\$ or<br>US-20050118463-\$ or<br>US-20040234865-\$).did. or<br>(US-6495282-\$ or US-5747965-\$ or<br>US-6696197-\$ or US-6300003-\$ or<br>US-5707757-\$ or US-5663008-\$ or<br>US-4929482-\$ or US-5910854-\$ or<br>US-3781175-\$ or US-4626482-\$ or<br>US-4443524-\$ or US-5569557-\$ or<br>US-4074017-\$ or US-4992987-\$ or<br>US-5304434-\$ or US-6194100-\$ or<br>US-6667129-\$ or US-5888666-\$ or<br>US-6216811-\$ or US-6558847-\$).<br>did. or (US-3846178-\$ or<br>US-2753312-\$ or US-1718086-\$).<br>did. | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 15:45 |
| S2 | 23 | "4929482"  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 11:38 |
| S3 | 13 | S1 and monomer   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 12:02 |
| S4 | 18 | S2 and monomer   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 12:03 |
| S5 | 1  | S4 and S3  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 12:02 |
| S6 | 18 | S4 and polyethylene  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/11/28 16:17 |
| S7 | 11 | S3 and polyethylene  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 12:03 |
| S8 | 9  | S7 and acrylate  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 12:04 |

## EAST Search History

|     |    |   |  |    |    |                  |
|-----|----|---|--|----|----|------------------|
| S9  | 13 | S6 and acrylate   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 12:04 |
| S10 | 6  | S9 and absorb\$3  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 12:05 |
| S11 | 9  | S8 and absorb\$3  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 12:05 |
| S12 | 8  | S8 and glycol   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 12:06 |
| S13 | 6  | S10 and glycol  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 12:06 |
| S14 | 4  | S13 and amide   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 12:11 |
| S15 | 8  | S12 and glycol  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 12:07 |
| S16 | 9  | (US-20040234865-\$ or<br>US-20050079326-\$ or<br>US-20060172199-\$ or<br>US-20060188724-\$).did. or<br>(US-6696197-\$ or US-5569557-\$).<br>did. or (US-20020018932-\$ or<br>JP-09298066-\$ or EP-732759-\$).<br>did. | US-PGPUB;<br>USPAT;<br>DERWENT         | OR | ON | 2007/04/17 12:12 |
| S17 | 3  | S16 and amide   | US-PGPUB;<br>USPAT;<br>DERWENT         | OR | ON | 2007/04/17 12:12 |
| S18 | 2  | "4929482".pn.   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 15:11 |

## EAST Search History

|     |    |   |  |    |    |                  |
|-----|----|---|--|----|----|------------------|
| S19 | 23 | (US-20070014953-\$ or<br>US-20060286323-\$ or<br>US-20060246242-\$ or<br>US-20060233985-\$ or<br>US-20050037168-\$ or<br>US-20020111427-\$ or<br>US-20020082346-\$ or<br>US-20020055586-\$).did. or<br>(US-6903154-\$ or US-6814905-\$ or<br>US-6727306-\$ or US-6710158-\$ or<br>US-6599639-\$ or US-6576309-\$ or<br>US-6534139-\$ or US-6500890-\$ or<br>US-6037063-\$ or US-6033748-\$ or<br>US-5618486-\$ or US-5034253-\$ or<br>US-4929482-\$).did. or<br>(RU-2007688-\$ or EP-306675-\$).<br>did.  | US-PGPUB;<br>USPAT;<br>DERWENT         | OR | ON | 2007/04/17 15:43 |
| S20 | 0  | S19 and glycol same acrylate  | US-PGPUB;<br>USPAT;<br>DERWENT         | OR | ON | 2007/04/17 15:44 |
| S21 | 54 | (US-20050079326-\$ or<br>US-20060286442-\$ or<br>US-20030087107-\$ or<br>US-20020015880-\$ or<br>US-20060172199-\$ or<br>US-20060188724-\$ or<br>US-20050118463-\$ or<br>US-20040234865-\$).did. or<br>(US-6495282-\$ or US-5747965-\$ or<br>US-6696197-\$ or US-6300003-\$ or<br>US-5707757-\$ or US-5663008-\$ or<br>US-4929482-\$ or US-5910854-\$ or<br>US-3781175-\$ or US-4626482-\$ or<br>US-4443524-\$ or US-5569557-\$ or<br>US-4074017-\$ or US-4992987-\$ or<br>US-5304434-\$ or US-6194100-\$ or<br>US-6667129-\$ or US-5888666-\$ or<br>US-6216811-\$ or US-6558847-\$).<br>did. or (US-3846178-\$ or<br>US-2753312-\$ or US-1718086-\$).<br>did. and glycol | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 15:45 |
| S22 | 9  | S21 and acrylate  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/04/17 15:45 |

## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| S23 | 10   | (US-20060188724-\$ or US-20060172199-\$ or US-20040234865-\$ or US-20050079326-\$).did. or (US-6696197-\$ or US-5569557-\$ or US-4929482-\$).did. or (US-20020018932-\$ or JP-09298066-\$ or EP-732759-\$). did.                             | US-PGPUB;<br>USPAT;<br>DERWENT         | OR | ON | 2007/04/23 13:36 |
| S24 | 14   | (US-20060188724-\$ or US-20060172199-\$ or US-20040234865-\$ or US-20050079326-\$).did. or (US-6696197-\$ or US-5569557-\$ or US-4929482-\$).did. or (US-20020018932-\$ or JP-09298066-\$ or EP-732759-\$). did. and polyethylene adj glycol | US-PGPUB;<br>USPAT;<br>DERWENT         | OR | ON | 2007/04/23 13:37 |
| S25 | 3    | S24 and electrolyte adj absorbing  | US-PGPUB;<br>USPAT;<br>DERWENT         | OR | ON | 2007/04/23 13:38 |
| S26 | 2    | "20060188724"  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/11/28 16:17 |
| S27 | 4    | "2003057745"   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/11/28 17:44 |
| S28 | 2    | "20050136247"  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/11/28 17:44 |
| S29 | 2    | godly adj powers.ti.   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/11/29 07:47 |
| S30 | 1007 | Roller.in.   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/11/29 07:47 |
| S31 | 1    | S30 and god  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/11/29 07:47 |
| S32 | 7    | S30 and Christopher with Roller.in.  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/11/29 07:49 |

## EAST Search History

|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| S33 | 0      | antiadjgravity   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/11/29 07:49 |
| S34 | 298    | anti adj gravity   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/11/29 07:49 |
| S35 | 1      | (US-6696197-\$).did.                                     | USPAT                                  | OR | ON | 2007/12/08 17:14 |
| S36 | 0      | (US-6696197-\$).did. and methylene\$^                    | USPAT                                  | OR | ON | 2007/12/08 17:11 |
| S37 | 0      | (US-6696197-\$).did. and methylene                       | USPAT                                  | OR | ON | 2007/12/08 17:12 |
| S38 | 58691  | carboxymethyl cellulose and difunctional                 | USPAT                                  | OR | ON | 2007/12/08 17:15 |
| S39 | 3      | "carboxymethyl cellulose" with difunctional              | USPAT                                  | OR | ON | 2007/12/08 17:28 |
| S40 | 32     | disulfide with difunctional                              | USPAT                                  | OR | ON | 2007/12/08 17:36 |
| S41 | 3      | "carboxymethyl cellulose" with difunctional              | USPAT                                  | OR | ON | 2007/12/08 17:38 |
| S42 | 7      | "polytetrafluoroethylene" with difunctional              | USPAT                                  | OR | ON | 2007/12/08 17:41 |
| S43 | 0      | "dimethoxy ethane" with difunctional                     | USPAT                                  | OR | ON | 2007/12/08 17:41 |
| S44 | 0      | "diethoxy ethane" with difunctional                      | USPAT                                  | OR | ON | 2007/12/08 17:42 |
| S45 | 9      | "diethoxy" with difunctional                             | USPAT                                  | OR | ON | 2007/12/08 17:42 |
| S46 | 2      | "20060172199"  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/12/10 09:18 |
| S47 | 2      | "20060172199"  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/12/10 10:25 |
| S48 | 1      | "20060172199" and "crosslink density"                    | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/12/10 10:26 |
| S49 | 817708 | (polyethylene oxide) with (polyethylene glycol acrylate) | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/12/13 16:18 |
| S50 | 248259 | S49 and sheet  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/12/13 16:19 |

## EAST Search History

|     |       |   |  |    |    |                  |
|-----|-------|---|--|----|----|------------------|
| S51 | 13932 | S50 and polyfunctional  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/12/13 16:19 |
| S52 | 8054  | S51 and absorb\$4   | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/12/13 16:20 |
| S53 | 73    | S52 and (polyethylene glycol acrylate) and ("phenoxypolyethylene glycol acrylate", "methoxypolyethylene glycol acrylate") | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/12/13 16:26 |
| S54 | 17    | S53 and (acryloylmorpholine, "\$4diethylacrylamide")  | US-PGPUB;<br>USPAT;<br>JPO;<br>DERWENT | OR | ON | 2007/12/14 09:13 |